

New

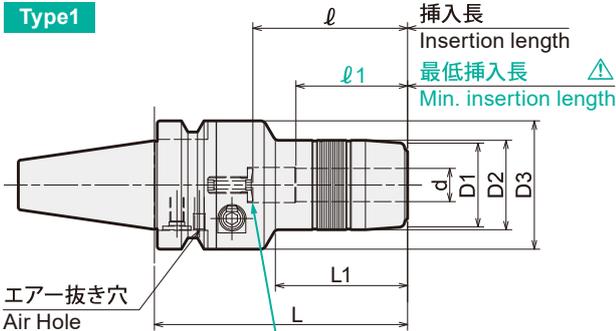
PHC-A

パワーハイドロチャック
Power Hydro Chuck

コレットホルダのように使える手軽なハイドロチャックです。高精度加工に最適。
Hydro chuck with collet holder flexibility. Suitable for high precision cutting.

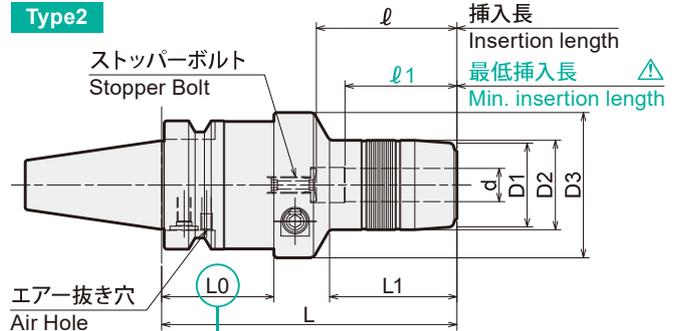


Type1



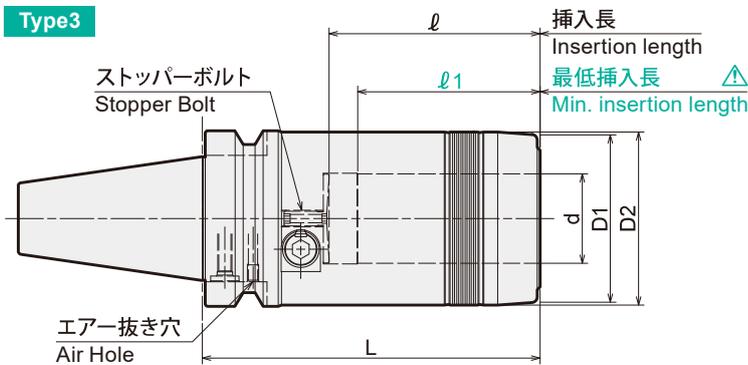
ストッパーボルト Stopper bolt PHC03A、PHC04Aはストッパーボルト非対応です。
For PHC03A & PHC04A a stopper bolt cannot be used.

Type2



注意 Caution
ATCアーム及びマガジン内での干渉にご注意ください。
Take caution against A.T.C. arm and tool magazine interference.

Type3



注意 Caution
必ず、刃物シャックを最低挿入長以上に挿入して使用してください。
Strictly keep the min insertion length.

チャックサイズ Model	ストッパーボルト用六角レンチサイズ Hex wrench size for stopper bolt
PHC06A ~ 08A	2.5mm
PHC09A ~ 32A	3mm



WBTシャックにはBTシャック用プルスタッドをそのままご利用頂けます。
旧AHOシャック専用のクーラントパイプ付きプルスタッドはクーラントパイプを取り外せばご利用頂けます。
Retention stud for BT shank can be used as is for WBT shank.
Retention stud with coolant pipe for old AHO shank can be used by removing the coolant pipe.

商品コード Code	型式 Model	Type	d	L	L1	D1	D2	D3	L0	ℓ	ℓ1	Max. min ⁻¹	Kg	レンチ(別売) Wrench(Option)
3225 61103060	WBT30 -PHC03A -60	1	3	60	19.5	—	24	46	—	27	18	40,000	0.7	L-4T
3225 61103090	-90	1	3	90	44.5	—	24	46	—	52	18	38,000	0.8	
3225 61104065	-PHC04A -65	1	4	65	25	—	25	46	—	29	24	40,000	0.7	
3225 61104090	-90	1	4	90	45	—	25	46	—	49	24	38,000	0.8	
3225 61106075	-PHC06A -75	1	6	75	30	24	26	46	—	34	29	40,000	0.7	
3225 61107075	-PHC07A -75	1	7	75	30.5	26	28	46	—	34	29	38,000	0.8	
3225 61108075	-PHC08A -75	1	8	75	30.5	26	28	46	—	34	29	38,000	0.8	
3225 61109090	-PHC09A -90	1	9	90	46	28	30	46	—	55	40	36,000	0.8	
3225 61109105	-105	2	9	105	44.5	28	30	52	40	50	40	29,000	1.2	
3225 61110090	-PHC10A -90	1	10	90	46	28	30	46	—	55	40	36,000	0.8	
3225 61110105	-105	2	10	105	44.5	28	30	52	40	50	40	29,000	1.2	
3225 61111090	-PHC11A -90	1	11	90	46.5	30	32	46	—	55	40	34,000	0.9	
3225 61111105	-105	2	11	105	45	30	32	52	40	50	40	30,000	1.1	
3225 61112090	-PHC12A -90	1	12	90	46.5	30	32	46	—	55	40	33,000	0.9	
3225 61112105	-105	2	12	105	45	30	32	52	40	50	40	29,000	1.1	
3225 61113090	-PHC13A -90	1	13	90	48	34	36	46	—	55	40	33,000	0.9	
3225 61113105	-105	2	13	105	46	34	36	52	40	50	40	28,000	1.2	
3225 61114090	-PHC14A -90	1	14	90	48	34	36	46	—	55	40	31,000	1.0	
3225 61114105	-105	2	14	105	46	34	36	52	40	50	40	27,000	1.2	
3225 61115090	-PHC15A -90	1	15	90	48.5	36	38	46	—	55	40	31,000	1.0	
3225 61115105	-105	2	15	105	46.5	36	38	52	40	50	40	27,000	1.2	
3225 61116090	-PHC16A -90	1	16	90	48.5	36	38	46	—	55	40	30,000	1.0	
3225 61116105	-105	2	16	105	46.5	36	38	52	40	50	40	26,000	1.2	
3225 61118090	NEW -PHC18A -90	1	18	90	49	38	40	46	—	50	40	28,000	1.0	
3225 61120090	-PHC20A -90	1	20	90	49	40	42	46	—	50	40	27,000	1.0	
3225 61120120	-120	1	20	120	69	40	42	46	—	70	40	22,000	1.3	
3225 61125090	NEW -PHC25A -90	2	25	90	30	50	52	68	32	60	50	11,000	1.5	
3225 61132100	NEW -PHC32A -100	2	32	100	40	58	60	73	32	75	65	8,000	1.7	

商品コード Code	型式 Model	Type	d	L	L1	D1	D2	D3	L0	ℓ	ℓ1	Max. min ⁻¹	Kg	レンチ(別売) Wrench(Option)																																
3225 61303065	WBT40 -PHC03A -65	1	3	65	19.5	—	24	46	—	27	18	20,000	1.2	L-4T	Boost Master																															
3225 61303090	-90	1	3	90	44.5	—	24	46	—	52	18	20,000	1.3			旋盤用 ツーリング Lathe Tooling																														
3225 61304070	-PHC04A -70	1	4	70	25	—	25	46	—	29	24	20,000	1.3				BT																													
3225 61304090	-90	1	4	90	45	—	25	46	—	49	24	20,000	1.3					WBT																												
3225 61306075	-PHC06A -75	1	6	75	30	24	26	46	—	34	29	20,000	1.3						HSK-A/E/C																											
3225 61306105	-105	1	6	105	41	24	26	46	—	45	29	20,000	1.5							UTS																										
3225 61307075	-PHC07A -75	1	7	75	30	26	28	46	—	34	29	20,000	1.3								HSK-T																									
3225 61307105	-105	1	7	105	41	26	28	46	—	45	29	20,000	1.4									C (Polygon)																								
3225 61308075	-PHC08A -75	1	8	75	30	26	28	46	—	34	29	20,000	1.3										SPEEDIO																							
3225 61308105	-105	1	8	105	41	26	28	46	—	45	29	20,000	1.6											ST																						
3225 61309090	-PHC09A -90	1	9	90	44	28	30	52	—	50	40	20,000	1.4												アクセサリ Accessories																					
3225 61309120	-120	1	9	120	64	28	30	52	—	70	40	20,000	1.7													専用機用 ツーリング Specialized Machine Tooling																				
3225 61310090	-PHC10A -90	1	10	90	44	28	30	52	—	50	40	20,000	1.4														ツール プリセッター Tool Presetter																			
3225 61310120	-120	1	10	120	64	28	30	52	—	70	40	20,000	1.7															ブッシュ メントリ Bush Chamfering																		
3225 61311090	-PHC11A -90	1	11	90	45	30	32	52	—	50	40	20,000	1.4																ミリング チャック Milling Chuck																	
3225 61311120	-120	1	11	120	65	30	32	52	—	70	40	20,000	1.7																	コレット ホルダー Collet Holder																
3225 61312090	-PHC12A -90	1	12	90	45	30	32	52	—	50	40	20,000	1.4																		Rゼロ ホルダー R Zero Holder															
3225 61312120	-120	1	12	120	65	30	32	52	—	70	40	20,000	1.7																			ハイドロ チャック Hydro Chuck														
3225 61313090	-PHC13A -90	1	13	90	46	34	36	52	—	50	40	20,000	1.5																				スリム フィット Slim Fit													
3225 61313120	-120	1	13	120	66	34	36	52	—	70	40	20,000	1.8																					タッピング チャック Tapping Chuck												
3225 61314090	-PHC14A -90	1	14	90	46	34	36	52	—	50	40	20,000	1.5																						アーバ 類 Arbors											
3225 61314120	-120	1	14	120	66	34	36	52	—	70	40	20,000	1.8																							マルチ ボア Multibore										
3225 61315090	-PHC15A -90	1	15	90	46	36	38	52	—	50	40	20,000	1.5																								機能付 ホルダー Function Holder									
3225 61315120	-120	1	15	120	66	36	38	52	—	70	40	20,000	1.8																									• 刃物シャンク部が下記公差範囲内の刃物を使用してください。 刃物シャンク径がφ6未満…h6公差範囲内 刃物シャンク径がφ6以上…h7公差範囲内 新規に刃物を製作される場合は、h6公差または ⁰ / _{0.01} 公差で製作されることをお勧めします。 • PHC12A、PHC20Aにはスリップ防止ピン付コレット装着用の穴が開いています。 • センタースルークーラント供給時はエア抜き穴を付属の止めネジでふさいでください。 • センタースルークーラント使用時、内径サイズ3~4mmの製品は内径スリット部から多少クーラントが出ます。								
3225 61316090	-PHC16A -90	1	16	90	46	36	38	52	—	50	40	20,000	1.5																										Cutting tool shank must be within tolerances specified below ; Shank diameter less than 6mm : Within h6 tolerance Shank diameter 6mm and over : Within h7 tolerance h6 or 0/-0.01 tolerance is recommended when newly making a cutting tool. • PHC12A and PHC20A have pin holes for collet with stopper pin on its body. • Hex-head screws (included) are necessary to plug air hole for center through coolant feed. • On 3mm and 4mm chuck models there may be leaking from the inner diameter slit when using center through coolant.							
3225 61316120	-120	1	16	120	66	36	38	52	—	70	40	20,000	1.8																											• Cutting tool shank must be within tolerances specified below ; Shank diameter less than 6mm : Within h6 tolerance Shank diameter 6mm and over : Within h7 tolerance h6 or 0/-0.01 tolerance is recommended when newly making a cutting tool. • PHC12A and PHC20A have pin holes for collet with stopper pin on its body. • Hex-head screws (included) are necessary to plug air hole for center through coolant feed. • On 3mm and 4mm chuck models there may be leaking from the inner diameter slit when using center through coolant.						
3225 61318090	NEW -PHC18A -90	1	18	90	49	38	40	46	—	50	40	20,000	1.5																												• Cutting tool shank must be within tolerances specified below ; Shank diameter less than 6mm : Within h6 tolerance Shank diameter 6mm and over : Within h7 tolerance h6 or 0/-0.01 tolerance is recommended when newly making a cutting tool. • PHC12A and PHC20A have pin holes for collet with stopper pin on its body. • Hex-head screws (included) are necessary to plug air hole for center through coolant feed. • On 3mm and 4mm chuck models there may be leaking from the inner diameter slit when using center through coolant.					
3225 61318120	NEW -120	1	18	120	69	38	40	46	—	70	40	20,000	1.8																													• Cutting tool shank must be within tolerances specified below ; Shank diameter less than 6mm : Within h6 tolerance Shank diameter 6mm and over : Within h7 tolerance h6 or 0/-0.01 tolerance is recommended when newly making a cutting tool. • PHC12A and PHC20A have pin holes for collet with stopper pin on its body. • Hex-head screws (included) are necessary to plug air hole for center through coolant feed. • On 3mm and 4mm chuck models there may be leaking from the inner diameter slit when using center through coolant.				
3225 61320090	-PHC20A -90	1	20	90	49	40	42	46	—	50	40	20,000	1.5																														• Cutting tool shank must be within tolerances specified below ; Shank diameter less than 6mm : Within h6 tolerance Shank diameter 6mm and over : Within h7 tolerance h6 or 0/-0.01 tolerance is recommended when newly making a cutting tool. • PHC12A and PHC20A have pin holes for collet with stopper pin on its body. • Hex-head screws (included) are necessary to plug air hole for center through coolant feed. • On 3mm and 4mm chuck models there may be leaking from the inner diameter slit when using center through coolant.			
3225 61320120	-120	1	20	120	69	40	42	46	—	70	40	20,000	1.8																															• Cutting tool shank must be within tolerances specified below ; Shank diameter less than 6mm : Within h6 tolerance Shank diameter 6mm and over : Within h7 tolerance h6 or 0/-0.01 tolerance is recommended when newly making a cutting tool. • PHC12A and PHC20A have pin holes for collet with stopper pin on its body. • Hex-head screws (included) are necessary to plug air hole for center through coolant feed. • On 3mm and 4mm chuck models there may be leaking from the inner diameter slit when using center through coolant.		
3225 61325105	-PHC25A -105	1	25	105	59	50	52	62	—	60	50	20,000	2.1																																L-6T	機能付 ホルダー Function Holder
3225 61325135	-135	1	25	135	79	50	52	62	—	80	50	20,000	2.5																																	
3225 61332120	-PHC32A -120	3	32	120	—	60	62	—	—	75	65	20,000	2.6	• Cutting tool shank must be within tolerances specified below ; Shank diameter less than 6mm : Within h6 tolerance Shank diameter 6mm and over : Within h7 tolerance h6 or 0/-0.01 tolerance is recommended when newly making a cutting tool. • PHC12A and PHC20A have pin holes for collet with stopper pin on its body. • Hex-head screws (included) are necessary to plug air hole for center through coolant feed. • On 3mm and 4mm chuck models there may be leaking from the inner diameter slit when using center through coolant.																																
3225 61332150	-150	3	32	150	—	60	62	—	—	80	65	20,000	3.2		• Cutting tool shank must be within tolerances specified below ; Shank diameter less than 6mm : Within h6 tolerance Shank diameter 6mm and over : Within h7 tolerance h6 or 0/-0.01 tolerance is recommended when newly making a cutting tool. • PHC12A and PHC20A have pin holes for collet with stopper pin on its body. • Hex-head screws (included) are necessary to plug air hole for center through coolant feed. • On 3mm and 4mm chuck models there may be leaking from the inner diameter slit when using center through coolant.																															
3225 61506090	WBT50 -PHC06A -90	1	6	90	30	24	26	46	—	34	29	15,000	3.9			L-4T	Boost Master																													
3225 61506120	-120	1	6	120	41	24	26	46	—	45	29	15,000	4.1					旋盤用 ツーリング Lathe Tooling																												
3225 61506150	-150	1	6	150	41	24	26	46	—	45	29	15,000	4.4						BT																											
3225 61507090	-PHC07A -90	1	7	90	30	26	28	46	—	34	29	15,000	3.9							WBT																										
3225 61507120	-120	1	7	120	41	26	28	46	—	45	29	15,000	4.1								HSK-A/E/C																									
3225 61507150	-150	1	7	150	41	26	28	46	—	45	29	15,000	4.5									UTS																								
3225 61508090	-PHC08A -90	1	8	90	30	26	28	46	—	34	29	15,000	3.9										HSK-T																							
3225 61508120	-120	1	8	120	41	26	28	46	—	45	29	15,000	4.1											C (Polygon)																						
3225 61508150	-150	1	8	150	41	26	28	46	—	45	29	15,000	4.5												SPEEDIO																					
3225 61509105	-PHC09A -105	1	9	105	44	28	30	52	—	50	40	15,000	4.0													ST																				
3225 61509135	-135	1	9	135	64	28	30	52	—	70	40	15,000	4.3														アクセサリ Accessories																			
3225 61509165	-165	1	9	165	64	28	30	52	—	70	40	15,000	4.7															専用機用 ツーリング Specialized Machine Tooling																		
3225 61510105	-PHC10A -105	1	10	105	44	28	30	52	—	50	40	15,000	4.1																ツール プリセッター Tool Presetter																	
3225 61510135	-135	1	10	135	64	28	30	52	—	70	40	15,000	4.3																	ブッシュ メントリ Bush Chamfering																
3225 61510165	-165	1	10	165	64	28	30	52	—	70	40	15,000	4.7																		ミリング チャック Milling Chuck															
3225 61511105	-PHC11A -105	1	11	105	45	30	32	52	—	50	40	15,000	4.1																			コレット ホルダー Collet Holder														
3225 61511135	-135	1	11	135	65	30	32	52	—	70	40	15,000	4.3																				Rゼロ ホルダー R Zero Holder													
3225 61511165	-165	1	11	165	65	30	32	52	—	70	40	15,000	4.7																					ハイドロ チャック Hydro Chuck												
3225 61512105	-PHC12A -105	1	12	105	45	30	32	52	—	50	40	15,000	4.1																						スリム フィット Slim Fit											
3225 61512135	-135	1	12	135	65	30	32	52	—	70	40	15,000	4.3																							タッピング チャック Tapping Chuck										
3225 61512165	-165	1	12	165	65	30	32	52	—	70	40	15,000	4.7																								アーバ 類 Arbors									
3225 61513105	-PHC13A -105	1	13	105	46	34	36	52	—	50	40	15,000	4.2																									マルチ ボア Multibore								
3225 61513135	-135	1	13	135	66	34	36	52	—	70	40	15,000	4.4																										機能付 ホルダー Function Holder							
3225 61513165	-165	1	13	165	66	34	36	52	—	70	40	15,000	4.8																											• 刃物シャンク部が下記公差範囲内の刃物を使用してください。 刃物シャンク径がφ6未満…h6公差範囲内 刃物シャンク径がφ6以上…h7公差範囲内 新規に刃物を製作される場合は、h6公差または ⁰ / _{0.01} 公差で製作されることをお勧めします。 • PHC12A、PHC20Aにはスリップ防止ピン付コレット装着用の穴が開いています。 • センタースルークーラント供給時はエア抜き穴を付属の止めネジでふさいでください。 • センタースルークーラント使用時、内径サイズ3~4mmの製品は内径スリット部から多少クーラントが出ます。						
3225 61514105	-PHC14A -105	1	14	105	46	34	36	52	—	50	40	15,000	4.2																												Cutting tool shank must be within tolerances specified below ; Shank diameter less than 6mm : Within h6 tolerance Shank diameter 6mm and over : Within h7 tolerance h6 or 0/-0.01 tolerance is recommended when newly making a cutting tool. • PHC12A and PHC20A have pin holes for collet with stopper pin on its body. • Hex-head screws (included) are necessary to plug air hole for center through coolant feed. • On 3mm and 4mm chuck models there may be leaking from the inner diameter slit when using center through coolant.					
3225 61514135	-135	1	14	135	66	34	36	52	—	70	40	15,000	4.4																													• Cutting tool shank must be within tolerances specified below ; Shank diameter less than 6mm : Within h6 tolerance Shank diameter 6mm and over : Within h7 tolerance h6 or 0/-0.01 tolerance is recommended when newly making a cutting tool. • PHC12A and PHC20A have pin holes for collet with stopper pin on its body. • Hex-head screws (included) are necessary to plug air hole for center through coolant feed. • On 3mm and 4mm chuck models there may be leaking from the inner diameter slit when using center through coolant.				
3225 61514165	-165	1	14	165	66	34	36	52	—	70	40	15,000	4.8																														• Cutting tool shank must be within tolerances specified below ; Shank diameter less than 6mm : Within h6 tolerance Shank diameter 6mm and over : Within h7 tolerance h6 or 0/-0.01 tolerance is recommended when newly making a cutting tool. • PHC12A and PHC20A have pin holes for collet with stopper pin on its body. • Hex-head screws (included) are necessary to plug air hole for center through coolant feed. • On 3mm and 4mm chuck models there may be leaking from the inner diameter slit when using center through coolant.			
3225 61515105	-PHC15A -105	1	15	105	46	36	38	52	—	50	40	15,000	4.1																															L-6T		
3225 61515135	-135	1	15	135	66	36	38	52	—	70	40	15,000	4.4																																• Cutting tool shank must be within tolerances specified below ; Shank diameter less than 6mm : Within h6 tolerance Shank diameter 6mm and over : Within h7 tolerance h6 or 0/-0.01 tolerance is recommended when newly making a cutting tool. • PHC12A and PHC20A have pin holes for collet with stopper pin on its body. • Hex-head screws (included) are necessary to plug air hole for center through coolant feed. • On 3mm and 4mm chuck models there may be leaking from the inner diameter slit when using center through coolant.	
3225 61515165	-165	1	15	165	66	36	38	52	—	70	40	15,000	4.8																																	• Cutting tool shank must be within tolerances specified below ; Shank diameter less than 6mm : Within h6 tolerance Shank diameter 6mm and over : Within h7 tolerance h6 or 0/-0.01 tolerance is recommended when newly making a cutting tool. • PHC12A and PHC20A have pin holes for collet with stopper pin on its body. • Hex-head screws (included) are necessary to plug air hole for center through coolant feed. • On 3mm and 4mm chuck models there may be leaking from the inner diameter slit when using center through coolant.
3225 61516105	-PHC16A -105	1	16	105	46	36	38	52	—	50	40	15,000	4.1	• Cutting tool shank must be within tolerances specified below ; Shank diameter less than 6mm : Within h6 tolerance Shank diameter 6mm and over : Within h7 tolerance h6 or 0/-0.01 tolerance is recommended when newly making a cutting tool. • PHC12A and PHC20A have pin holes for collet with stopper pin on its body. • Hex-head screws (included) are necessary to plug air hole for center through coolant feed. • On 3mm and 4mm chuck models there may be leaking from the inner diameter slit when using center through coolant.																																
3225 61516135	-135	1	16	135	66	36	38	52	—	70	40	15,000	4.4		• Cutting tool shank must be within tolerances specified below ; Shank diameter less than 6mm : Within h6 tolerance Shank diameter 6mm and over : Within h7 tolerance h6 or 0/-0.01 tolerance is recommended when newly making a cutting tool. • PHC12A and PHC20A have pin holes for collet with stopper pin on its body. • Hex-head screws (included) are necessary to plug air hole for center through coolant feed. • On 3mm and 4mm chuck models there may be leaking from the inner diameter slit when using center through coolant.																															
3225 61516165	-165	1	16	165	66	36	38	52	—	70	40	15,000	4.8			• Cutting tool shank must be within tolerances specified below ; Shank diameter less than 6mm : Within h6 tolerance Shank diameter 6mm and over : Within h7 tolerance h6 or 0/-0.01 tolerance is recommended when newly making a cutting tool. • PHC12A and PHC20A have pin holes for collet with stopper pin on its body. • Hex-head screws (included) are necessary to plug air hole for center through coolant feed. • On 3mm and 4mm chuck models there may be leaking from the inner diameter slit when using center through coolant.																														
3225 61520105	-PHC20A -105	1	20	105	49	40	42	46	—	50	40	15,000	4.1				• Cutting tool shank must be within tolerances specified below ; Shank diameter less than 6mm : Within h6 tolerance Shank diameter 6mm and over : Within h7 tolerance h6 or 0/-0.01 tolerance is recommended when newly making a																													